AMENDMENTS TO THE CLAIMS:

Kindly amend claims 1-5, as shown below. This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A method for secure data transmission in selling products, wherein a product selection terminal [[(10)]] as well as counter ~~means (20)~~ mechanism comprising a document reading station [[(22)]], and a product delivery storage [[(30)]] are provided, and wherein at the product selection terminal [[(10)]] a product is selected and a document [[(16)]] for the selected product is output by ~~means of~~ a printing device [[(14)]], characterized in

that said document [[(16)]] is provided with a first self-checking encryption code [[(P)]] and with a first algorithm [[(f_1, f_2)]] for encrypting a product identification of the selected product or the selling identification of a selling process, wherein one or more selling identifications are provided on said document,

that said encryption on said document [[(16)]] is identified (decrypted) at the document reading station [[(22)]], wherein the value associated to said product is detected and forwarded to said counter ~~means (20)~~ mechanism for balancing the value (payment),

that after the payment of said product said counter ~~means (20)~~ mechanism delivers an electronic information carrier [[(26)]] by an output device [[(24)]] connected thereto, wherein said electronic information carrier includes a CPU [[(28)]] generating a second self-checking encryption code [[(P')]] having any encryption depth by ~~means of~~ using a second algorithm [[(f_1, f_2)]] for encrypting all the products being paid, ~~wherein said second encryption code is different from or even the same as the first encryption code,~~ and

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that said electronic information carrier [[(26)]] is supplied to a reading unit [[(32)]] in said product delivery storage [[(30)]] in order to identify and to decrypt said second encryption code [[(P')]], wherein in case of an authorized identification the delivery of the selected product [[(34)]] in the selected quantity from the product delivery storage [[(30)]] is started.

Claim 2 (currently amended): The method for secure data transmission in selling products according to claim 1, characterized in that said output device [[(24)]] includes a CPU [[(28')]] generating said second self-checking encryption code ~~(P') by means of~~ using a second or the same algorithm ~~(f_1, f_2, f_1, f_2)~~ for encrypting the products being paid, wherein said electronic information carrier [[(26')]] is provided as a passive memory and wherein a PIN is additionally inserted.

Claim 3 (currently amended): The method for secure data transmission in selling products according to claim 1, characterized in that in a variation said first algorithm [[(f_1, f_2)]] does not represent any encryption algorithm and thus no encryption of said document [[(16)]] is applied.

Claim 4 (currently amended): The method for secure data transmission in selling products according to claim 1, characterized in that an encrypted data transmission between said product delivery [[(30)]] and said product delivery terminal [[(10)]] is provided.

Claim 5 (currently amended): The method for secure data transmission in selling products according to claim 1, characterized in that said data transmission between the individual zones comprising the product selection zone [[(1)]], the counter zone [[(2)]] and the product delivery zone [[(3)]] is established by ~~means of~~ information carriers and[[/or]] devices

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operating by [[means]] a mechanism of printing engineering, radio engineering, lighting engineering or magnetically.

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